

WPI / Thomson

AN - 1980-26457C [15]
A - [001] 011 030 031 034 04& 06- 062 064 075 09& 09- 090 10& 10- 17& 230
27& 28& 399 679 691
AP - JP19780101456 19780822
CPY - ASAG
DC - A14
DW - 198015; 198635
IC - C08F2/16; C08F214/18
IN - KOJIMA G; TAMURA M
KS - 0037 0041 0044 0047 0050 0053 0210 0230 0970 0971 2066 2105 2106 2122
2123 2410
MC - A04-E10 A10-B01
PA - (ASAG) ASAHI GLASS CO LTD
PN - JP55029519 A 19800301 DW198015
JP61033848B B 19860805 DW198635
PR - JP19780101456 19780822
XIC - C08F-002/16; C08F-214/18; C08F-014/00; C08F-014/18; C08F-002/12;
C08F-214/00
AB - The process comprises copolymerising fluoro monomer(s) with
comonomer(s) opt. not contg. fluorine using a polymerisation
initiator. The copolymer contains 0.1-10 mol. % of monomer of formula
 $CF_2=CF(O)(CF_2)_nCOOM$ (where $n = 1-7$ and M is NH_4 or alkali metal. The
monomers are polymerised in an aq. medium at pH 5-10, in which no
surfactant exists.
As polymerisation is carried out in the absence of surfactant, cost of
washing the produced copolymer and treatment of waste liq. is reduced
and foaming and colouring in moulding, can be avoided. The obt'd.
fluoro copolymer shows improved physical properties by introducing
-O-(CF₂)_n-COOM gp. in side chain.
ICAI- C08F14/00; C08F14/18; C08F2/16; C08F214/18
ICCI- C08F14/00; C08F2/12; C08F214/00
INW - KOJIMA G; TAMURA M
IW - FLUORO COPOLYMER MANUFACTURE ABSENCE SURFACTANT REDUCE NEED WASHING
PRODUCT TREAT WASTE LIQUID
IWW - FLUORO COPOLYMER MANUFACTURE ABSENCE SURFACTANT REDUCE NEED WASHING
PRODUCT TREAT WASTE LIQUID
NC - 1
NPN - 2
OPD - 1978-08-22
PAW - (ASAG) ASAHI GLASS CO LTD
PD - 1980-03-01
TI - Fluoro-copolymer mfr. in absence of surfactant - reducing the need to
wash prod. and to treat waste liq.